

10086429-030402
20100506243001

Abstract of the Disclosure

A pointing apparatus using a piezoelectric film, a method for producing the apparatus, and apparatus and method for detecting pointing information therefor are provided. The pointing apparatus includes a plurality of first strips arranged in a first direction at a first predetermined interval, each of which is extended in a second direction perpendicular to the first direction and is touched when a pointer is moved in the first direction, and a plurality of second strips, which are lapped over the plurality of the first strips and arranged in the second direction at a second predetermined interval, each of which is extended in the first direction and is touched when the pointer is moved in the second direction. Each of the first and second strips generates electric charges in a quantity corresponding to pressure applied by a user and outputs touch signals having levels corresponding to the quantity of the electric charges, and moving direction and amount of movement of the pointer are determined by the number of times and the order in which the touch signals are generated. The pointing apparatus can be folded and thus is convenient to carry, can input pointing information by using the part of the human body, for example, finger(s) without a special tool such as a ball or pen, and thus is convenient to use and its manufacturing costs can be reduced.